



University  
of Windsor

# How to migrate a wordpress website from local host to another host

Student: ZHICHENG PAN

ID: 104639463

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### **Important Note:**

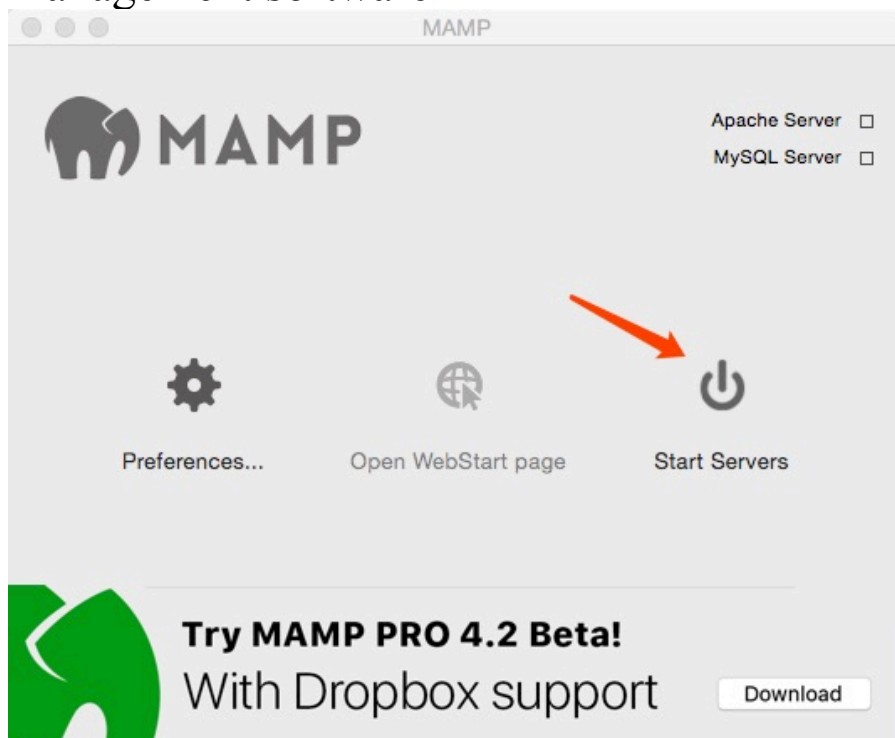
Although the operations below are under MAC OS operating system, the whole procedure and steps are the same with Windows operating system.

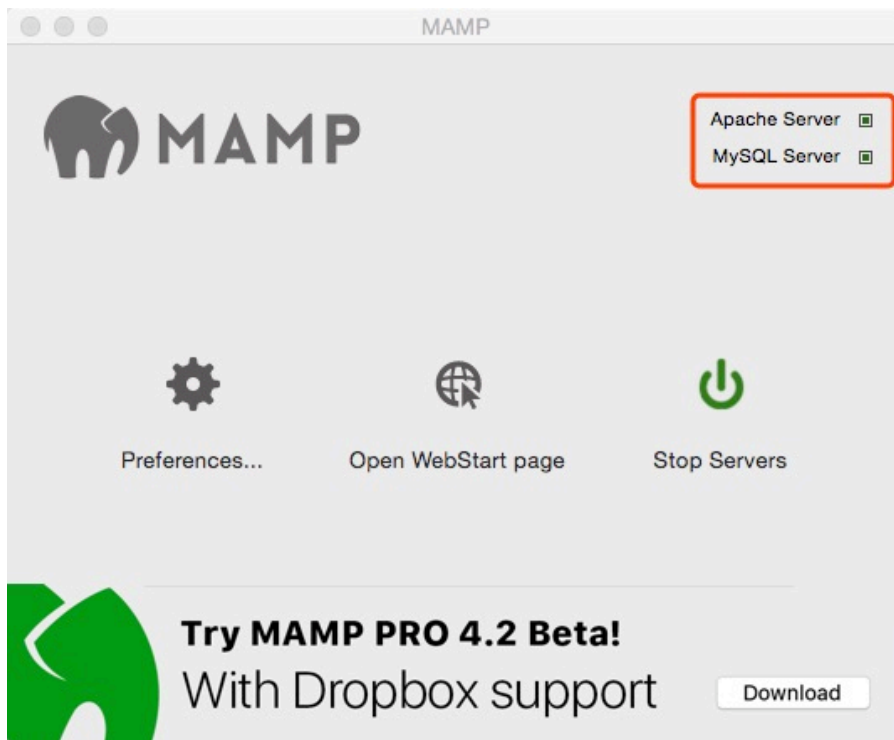
### **Preparation on local host**

In this part, it is going to tell you how to prepare the local website data whose development was finished on local host.

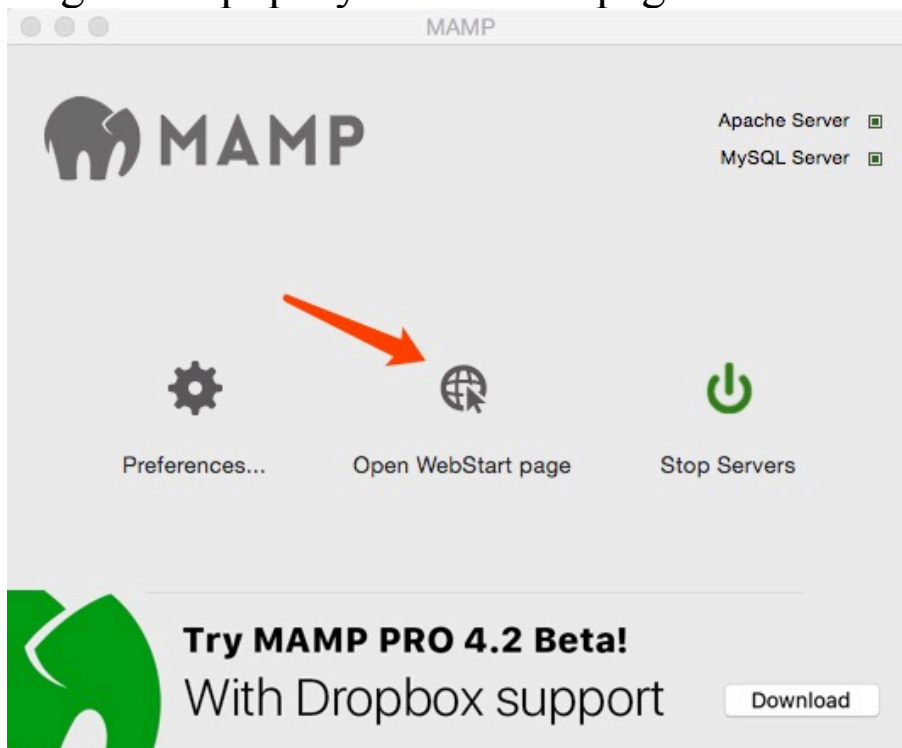
#### **Step 1: prepare the data**

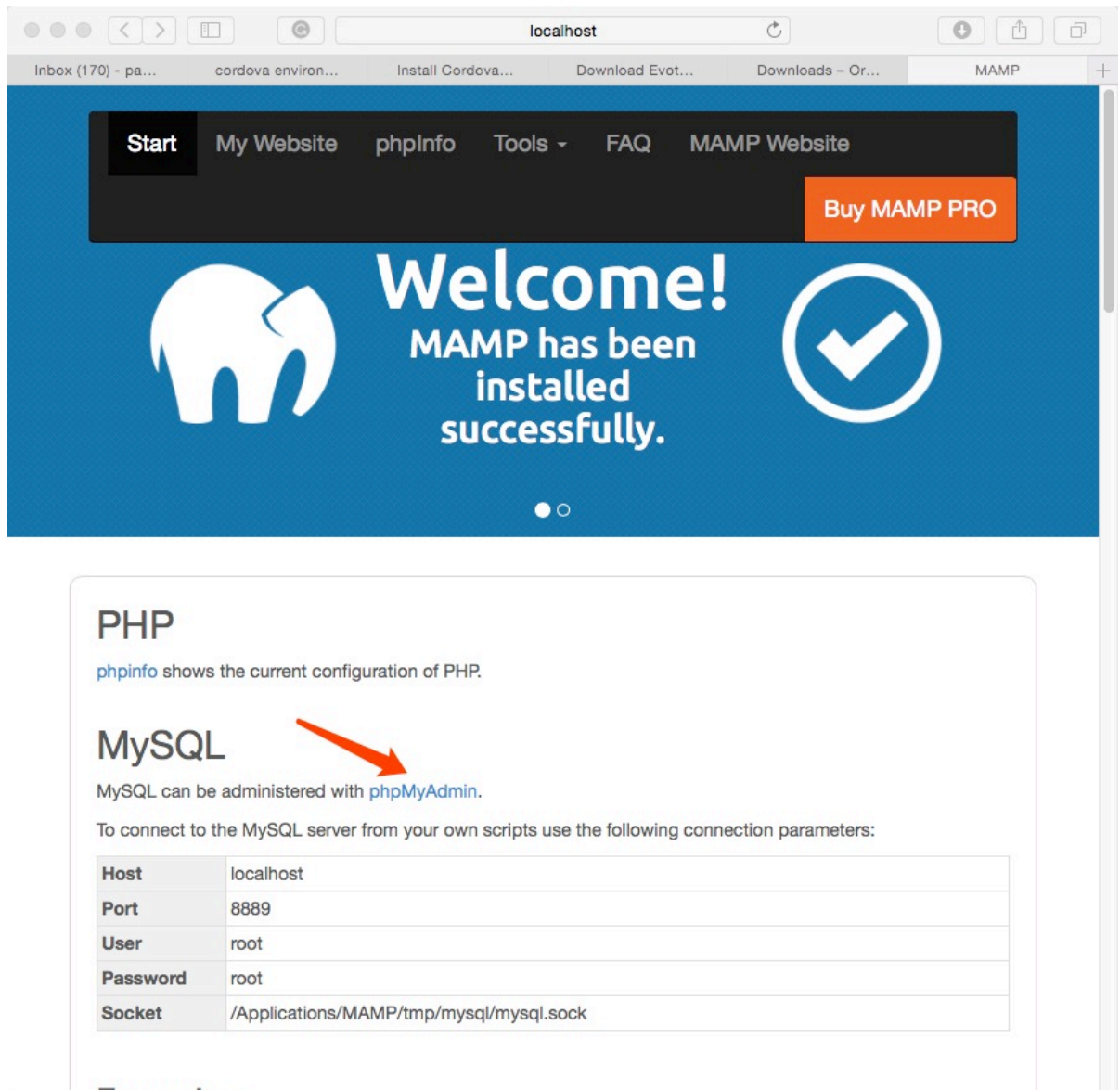
- a. Start the Apache and MySQL Server by using MAMP management software



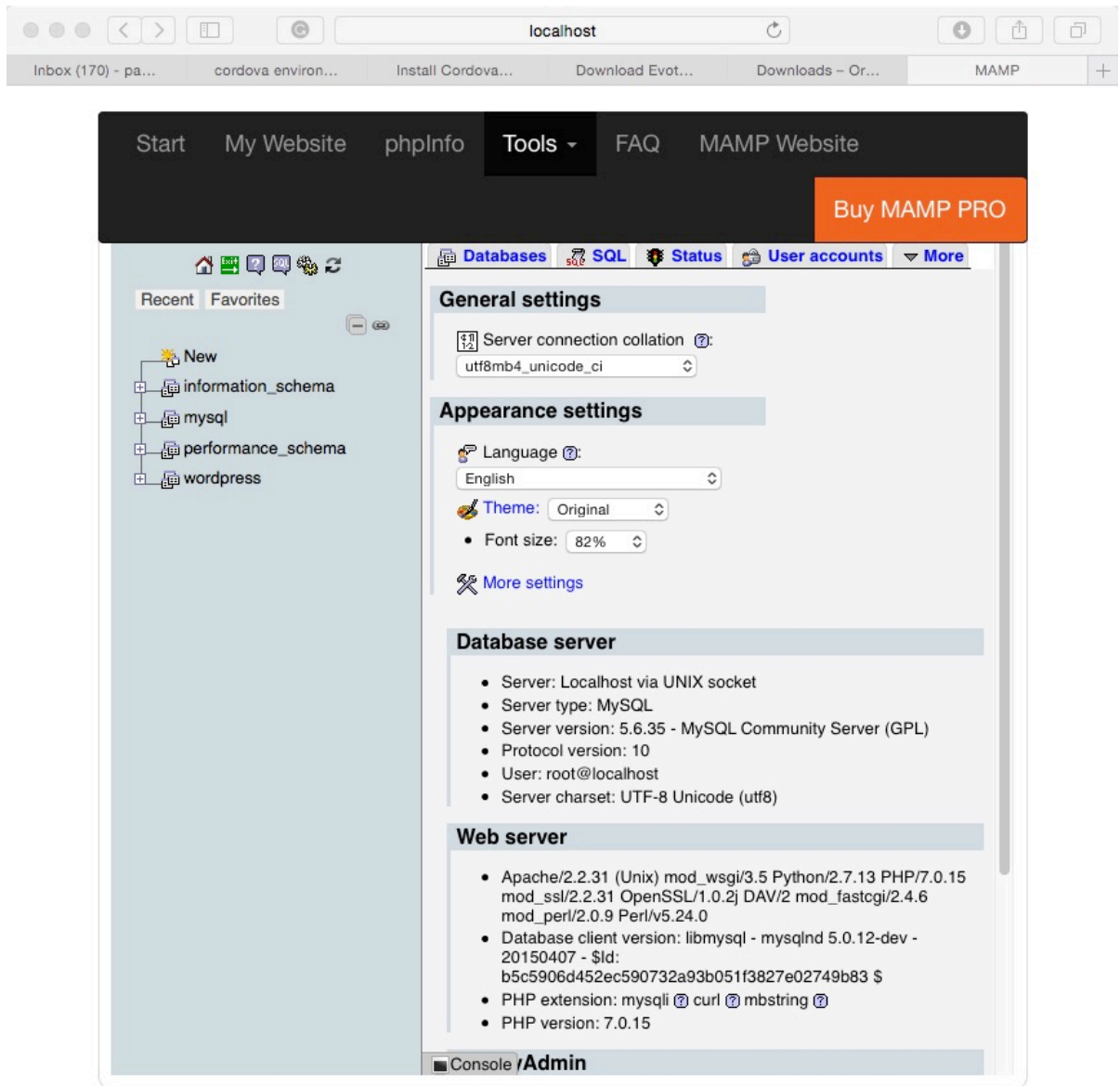


b. Login into phpMyAdmin web page

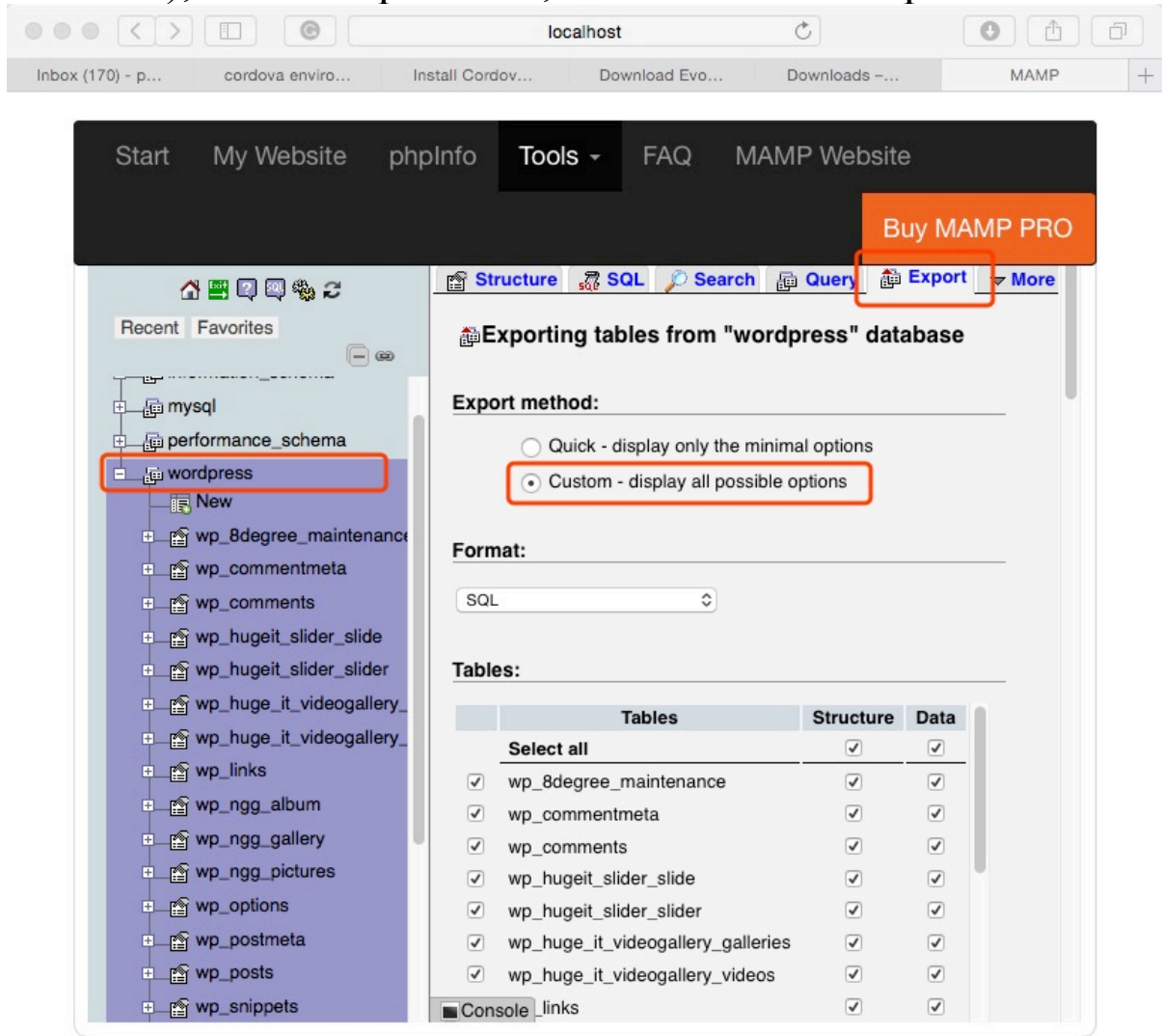




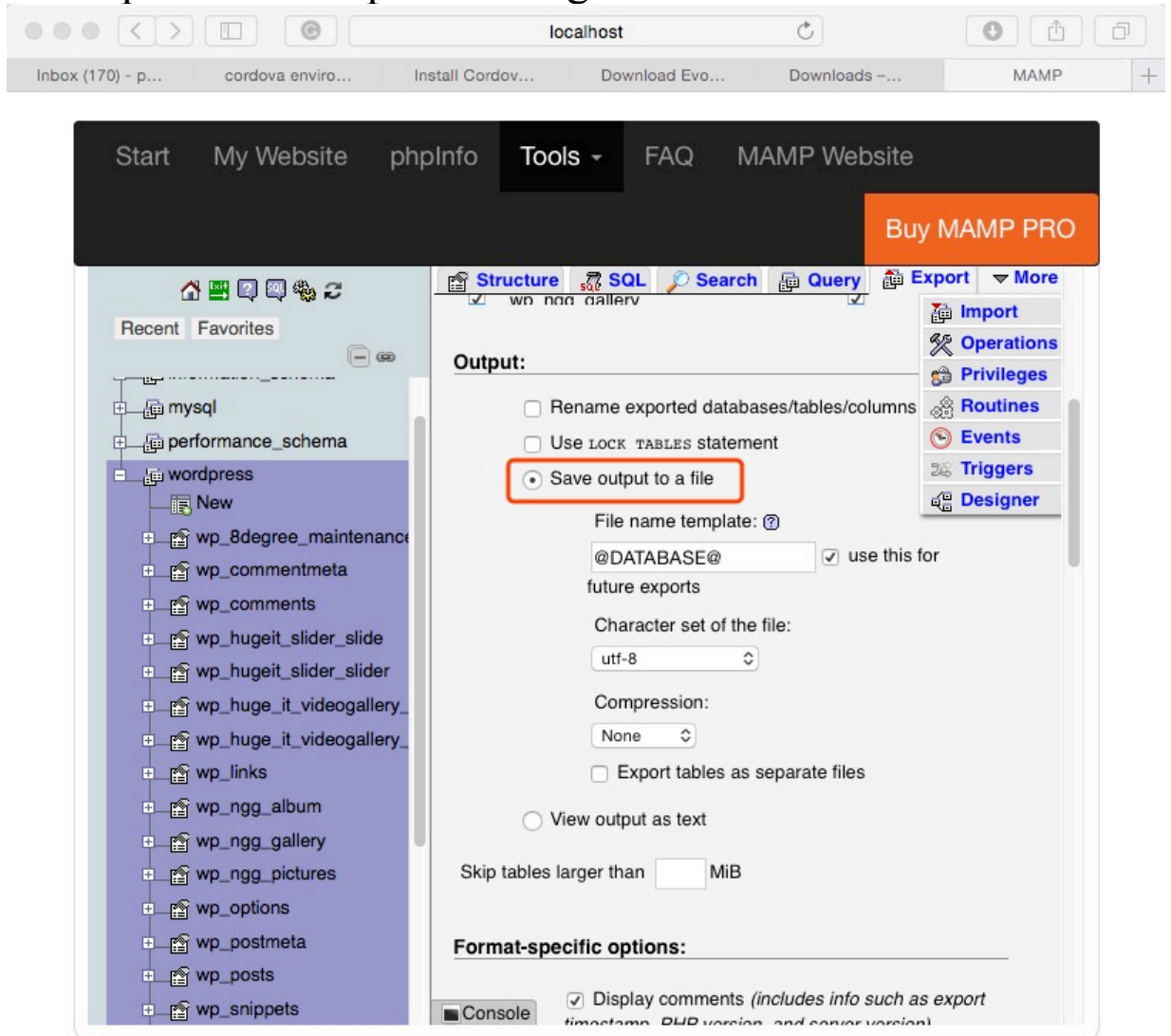
phpMyAdmin web page:



- c. Enter the corresponding database “wordpress” (might be different), click “Export” tab, check “Custom” option

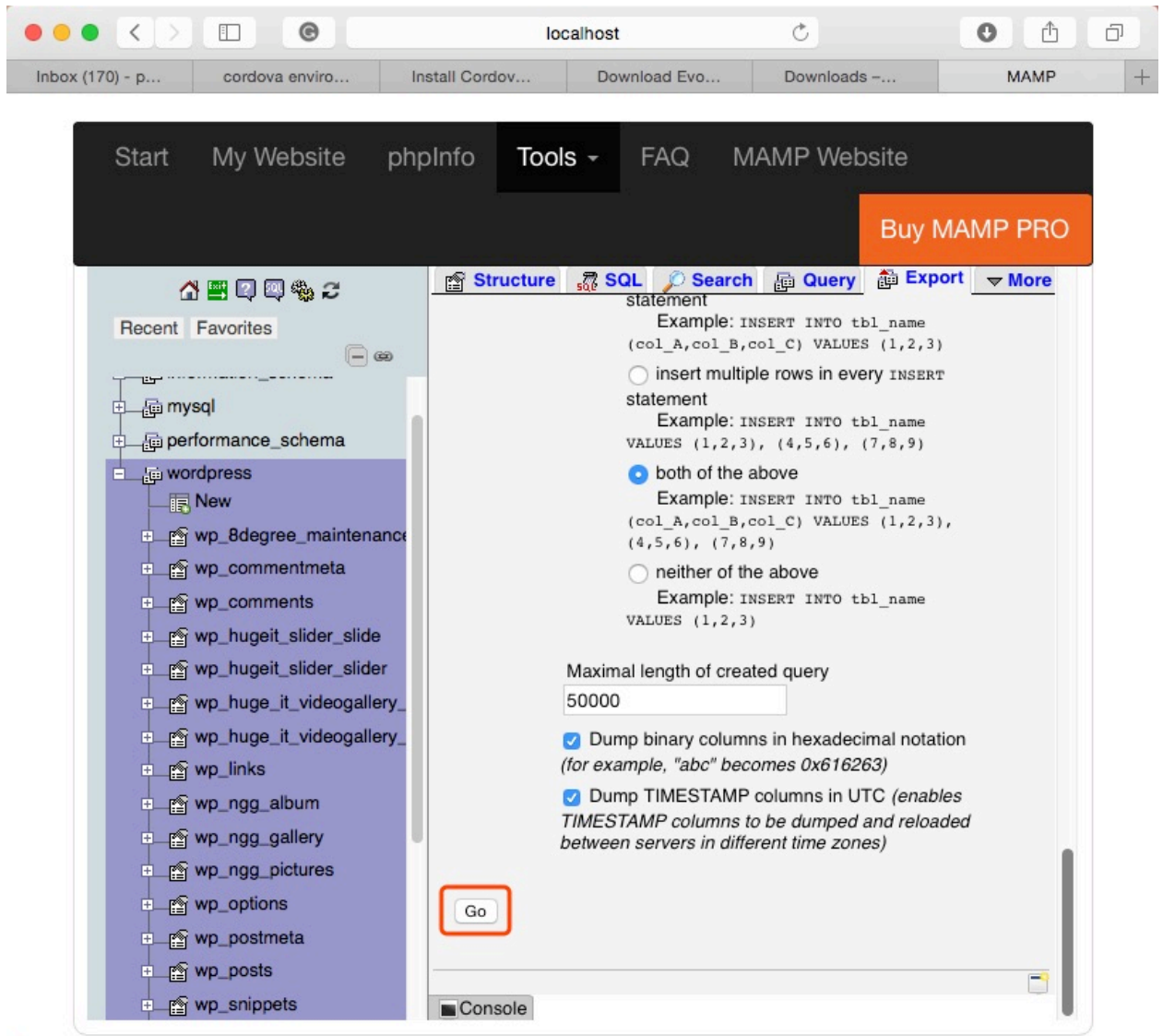


- d. Roll down to the “output” tab, check the “Save output to a file” option and keep the setting default



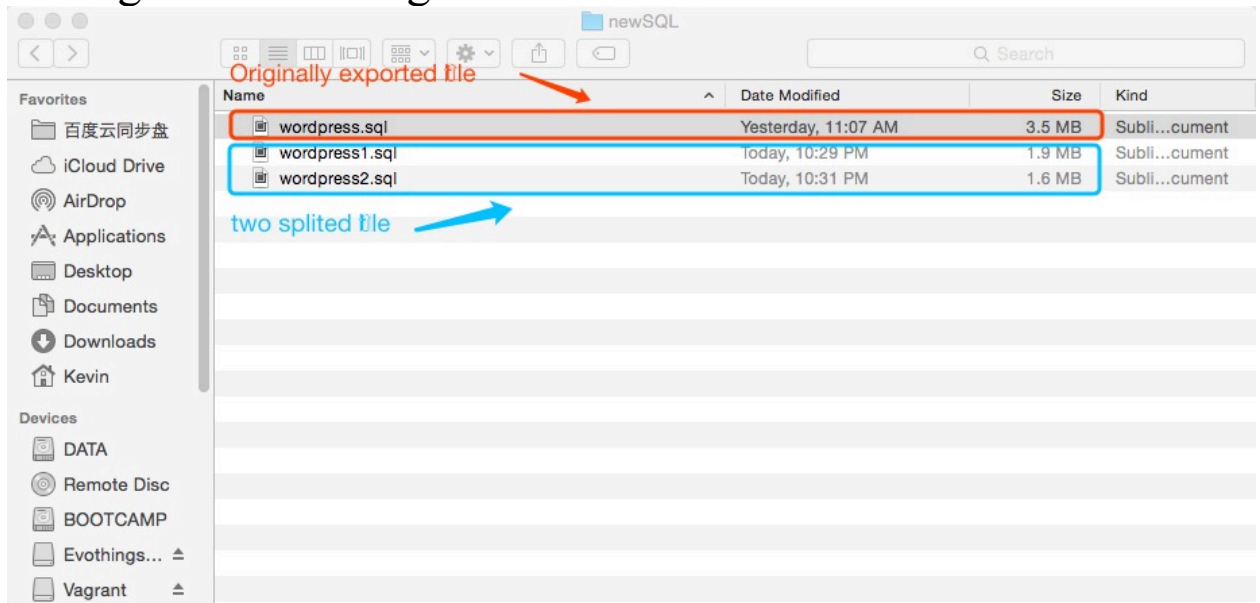
- e. Roll down to the bottom of the webpage, click “Go” to export the database SQL script file



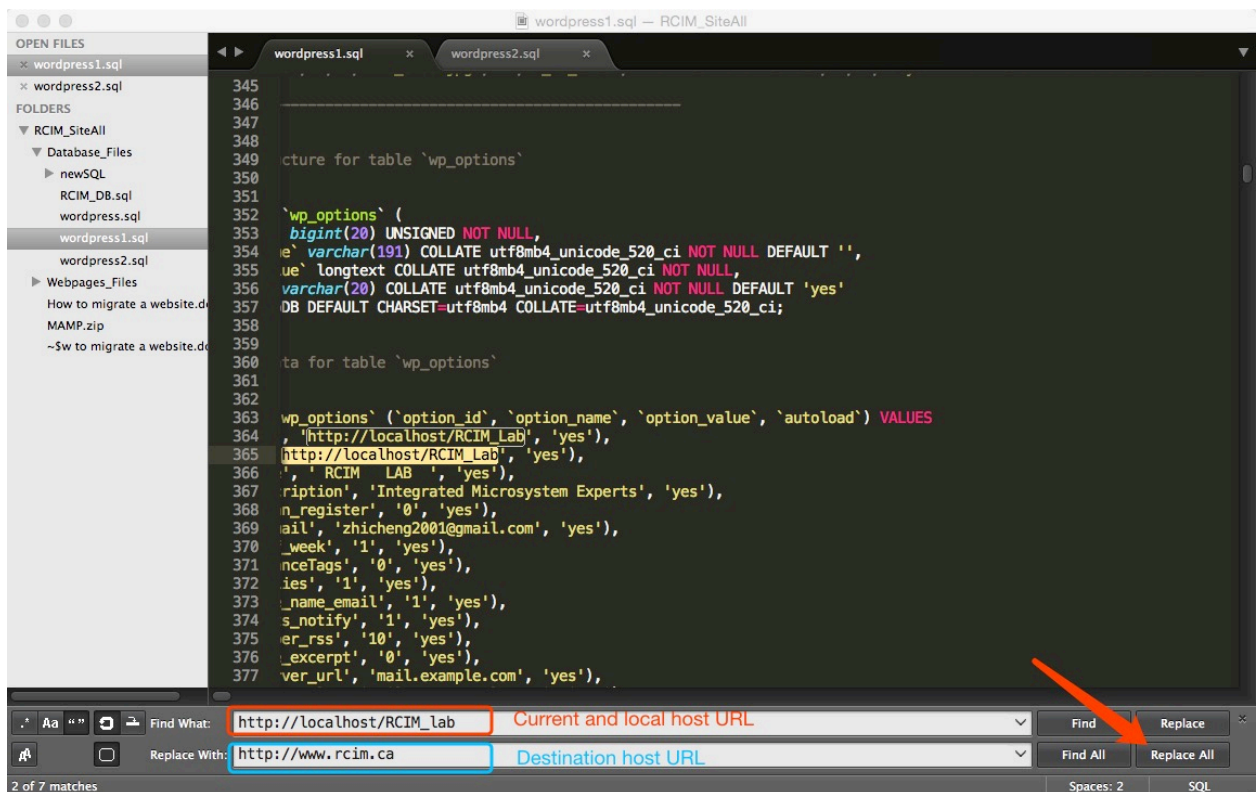




- f. obtain the database SQL script file, split it into two files if its original size is larger than 3.2M



- g. Edit SQL script files, replace the localhost URL with the destination host URL, update the two SQL script file if you have

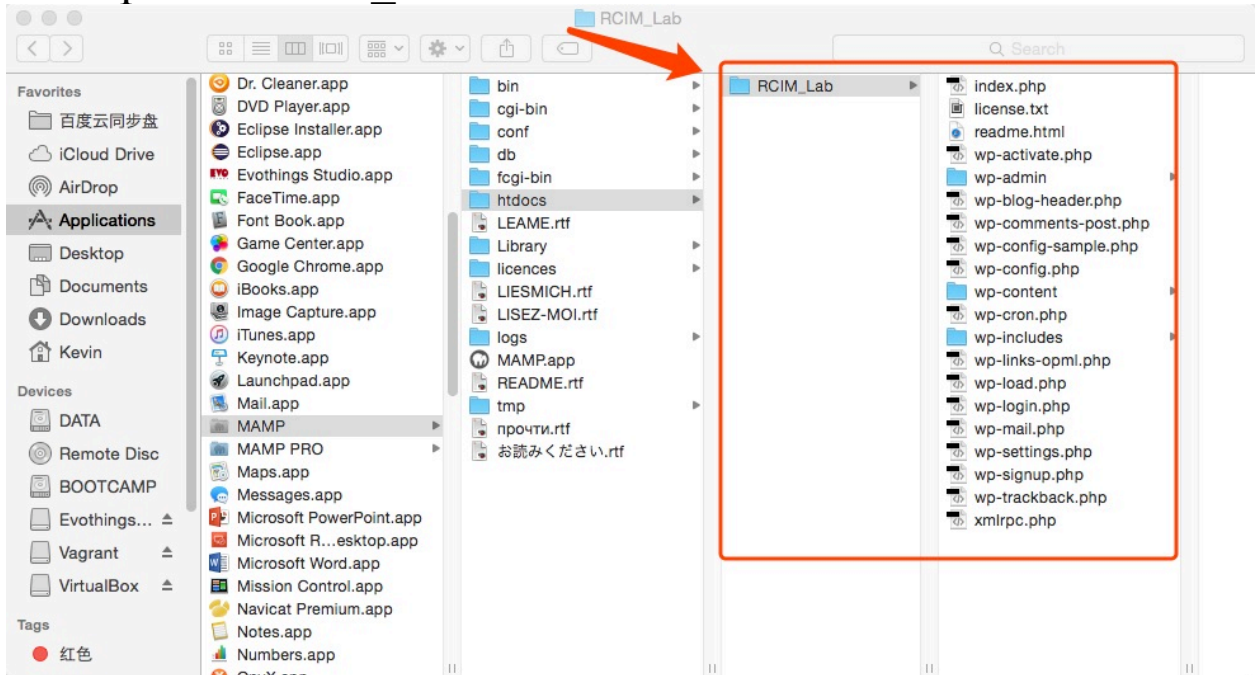


Note: this step is very important, and the destination

website will not be able to access if the old URLs were not replaced with the new destination URLs.

## Step 2: prepare the webpage file

Open the MAMP installation directory, find out “htdocs” folder, the webpage files are contained in this folder, copy and backup the “RCIM\_Lab” folder



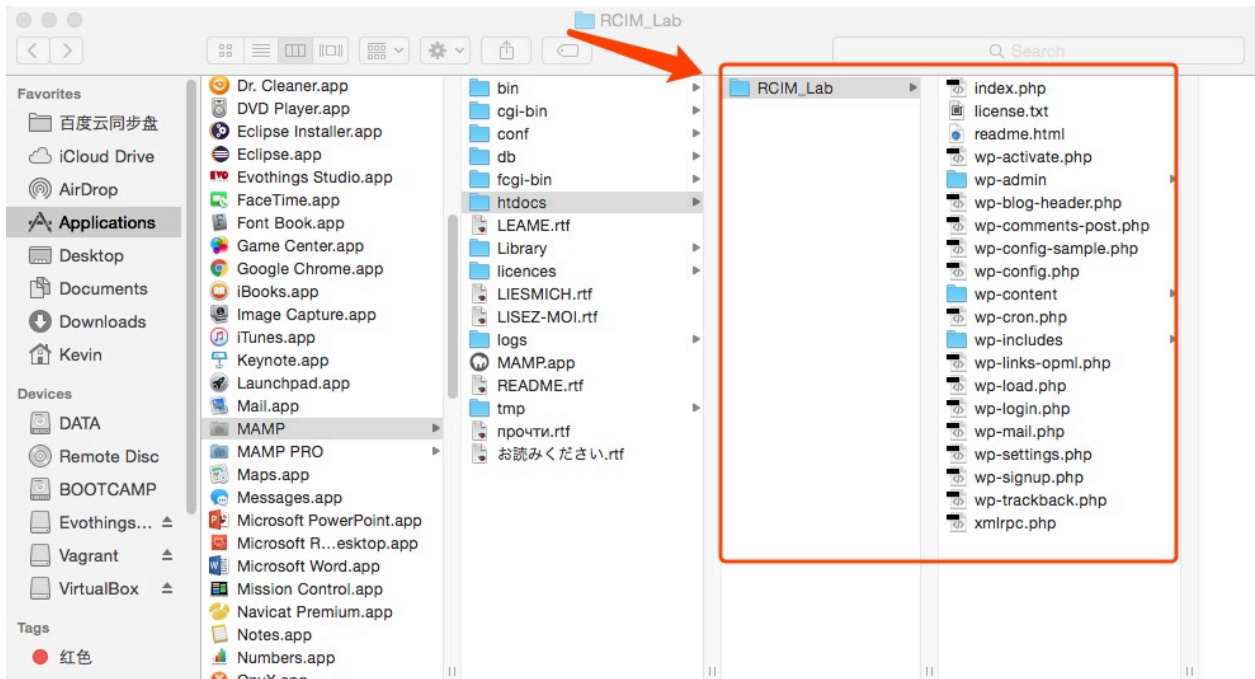
## Migration to the destination host

**Step 1: install the latest MAMP software from the internet on the destination host**

**Step 2: restore the webpage files**

Open the newly-installed MAMP software directory, find out “htdocs” folder, restore the backup folder “RCIM\_Lab” to

this folder



### Step 3: restore the database

It is a reversed process compared to exporting data. The detail steps are as follow.

- a. Open “wp-config.php” file in the folder “RCIM\_Lab” to get some import information

```
17 *
18 * @package WordPress
19 */
20
21 // ** MySQL settings - You can get this info from your web host ** //
22 /** The name of the database for WordPress */
23 define('DB_NAME', 'wordpress');
24
25 /** MySQL database username */
26 define('DB_USER', 'wpuser');
27
28 /** MySQL database password */
29 define('DB_PASSWORD', 'wppasswd');
30
31 /** MySQL hostname */
32 define('DB_HOST', 'localhost');
33
34 /** Database Charset to use in creating database tables. utf8_general_ci */
35 define('DB_CHARSET', 'utf8mb4');
36
37 /** The Database Collate type. Don't change this if in doubt. */
38 define('DB_COLLATE', '');
39
40 /**#@+
41 * Authentication Unique Keys and Salts.
42 *
43 * Change these to different unique phrases!
44 * You can generate these using the link https://api.wordpress.org/secret-key/
45 * You can change these at any point in time to invalidate all existing cookies
46 *
```

- b. Create database user named “wpuser”. Use the same operation mentioned before to launch the phpMyAdmin web page, click the “User accounts” tab, click “Add user account”, use the following setting and click “go” to create

a database user.

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Databases SQL Status **User accounts** More

### User accounts overview

	User name	Host name	Password	Global privileges	Grant	
<input type="checkbox"/>	root	127.0.0.1	Yes	ALL PRIVILEGES	Yes	<a href="#">Edit</a>
<input type="checkbox"/>	root	::1	Yes	ALL PRIVILEGES	Yes	<a href="#">Edit</a>
<input type="checkbox"/>	root	devbook.local	Yes	ALL PRIVILEGES	Yes	<a href="#">Edit</a>
<input type="checkbox"/>	root	localhost	Yes	ALL PRIVILEGES	Yes	<a href="#">Edit</a>
<input type="checkbox"/>	wpuser	%	Yes	ALL PRIVILEGES	Yes	<a href="#">Edit</a>

☐ Check all With selected: [Export](#)

New

[Add user account](#)

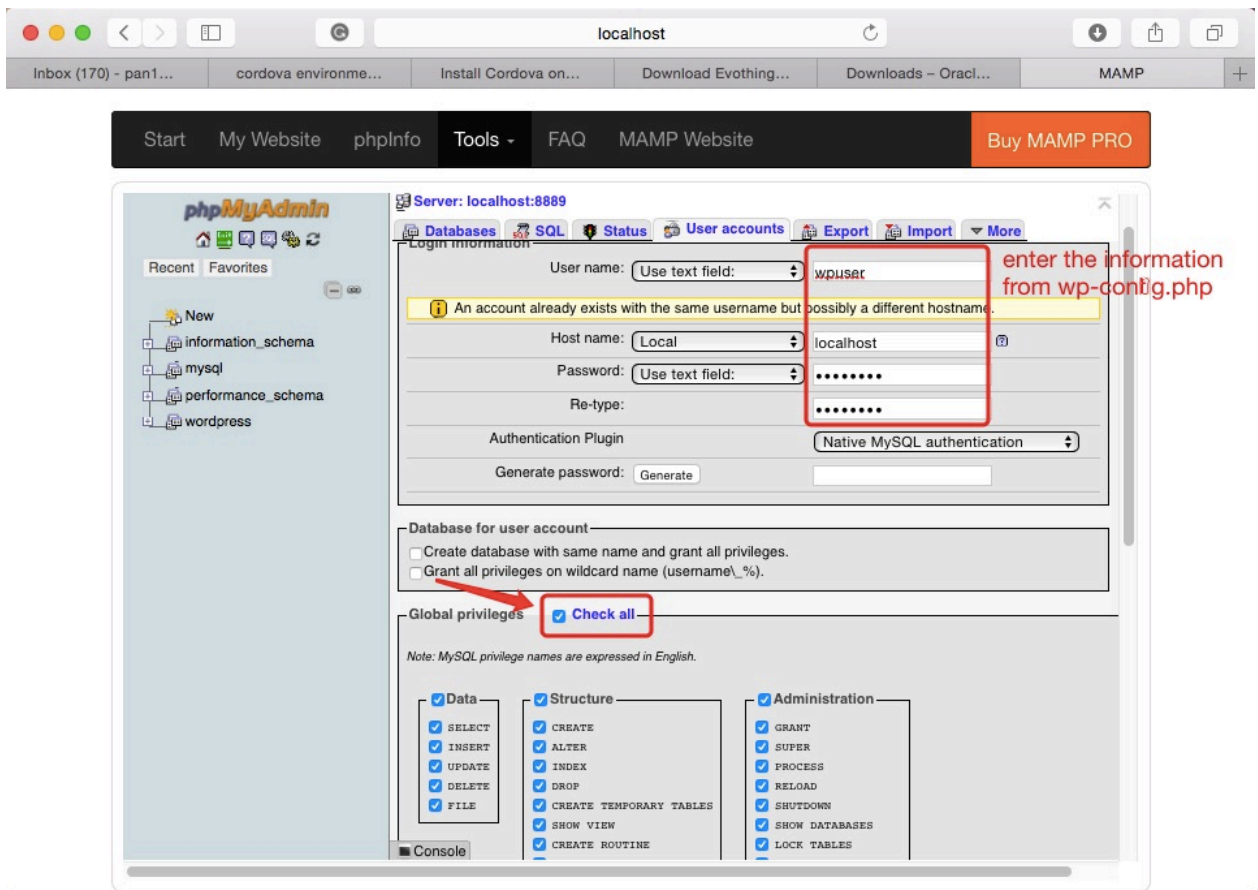
[Remove selected user accounts](#)

(Revoke all active privileges from the users and delete them afterwards.)

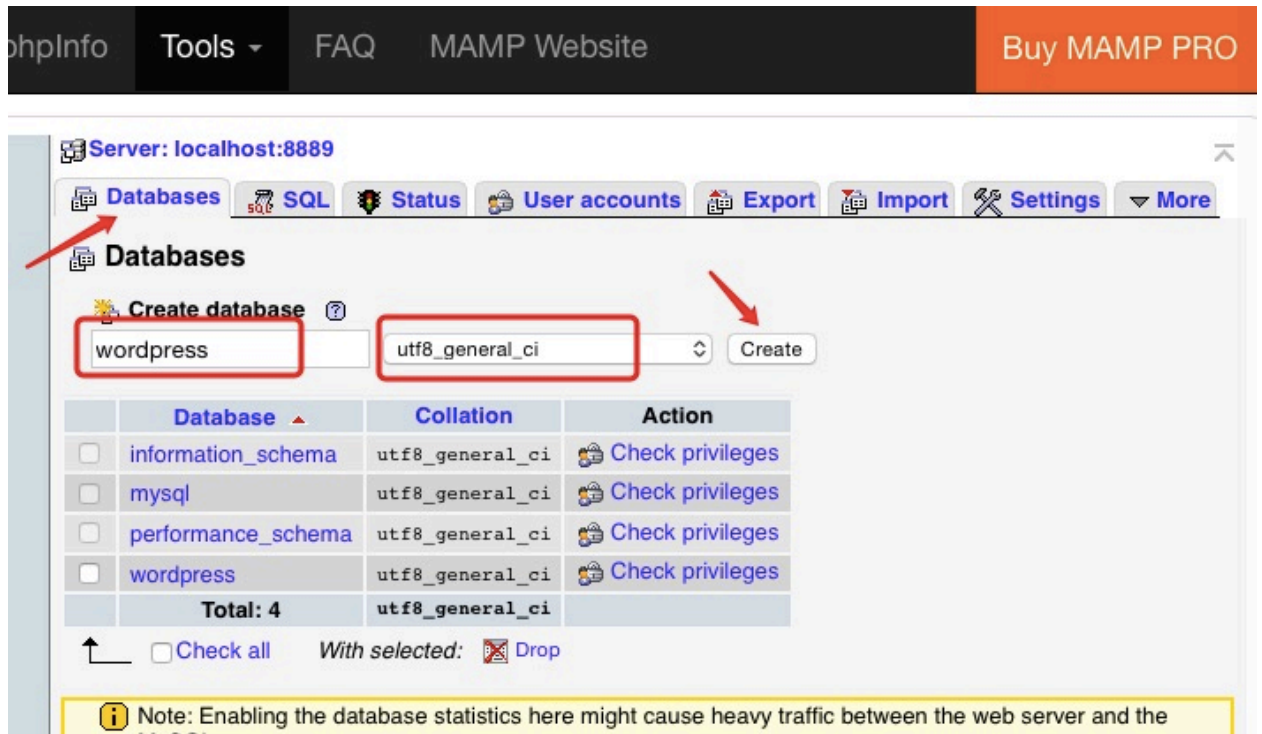
☐ Drop the databases that have the same names as the users.

Console



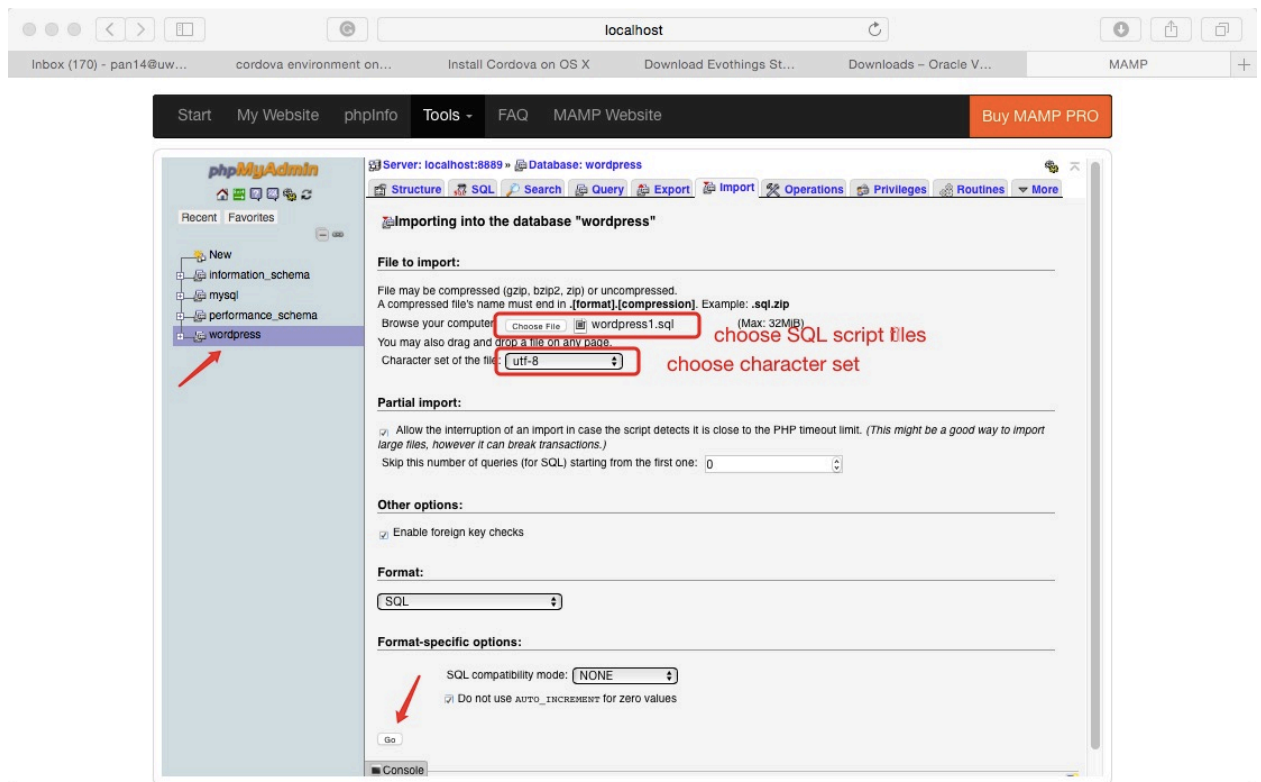


- c. Create an empty database named “wordpress”. Use the same operation mentioned before to launch the phpMyAdmin web page, use the following setting to creat the database



- d. Enter the newly-created database “wordpress” and import the original data to the destination database. Use the same operation mentioned before to launch the phpMyAdmin web page, click the “Import” tab, use the following setting to import the original data until import all the original data.





## Testing the destination website

Using the following links to test whether the destination website has been restored successfully.

Index webpage:

[http://www.rcim.ca/RCIM\\_lab/](http://www.rcim.ca/RCIM_lab/)  
([http://localhost/RCIM\\_lab/](http://localhost/RCIM_lab/))

Wordpress Management webpage:

User name: [zhicheng2001@gmail.com](mailto:zhicheng2001@gmail.com)

Password: Rcim2017

[http://www.rcim.ca/RCIM\\_lab/wp-login.php](http://www.rcim.ca/RCIM_lab/wp-login.php)  
([http://localhost/RCIM\\_lab/wp-login.php](http://localhost/RCIM_lab/wp-login.php))